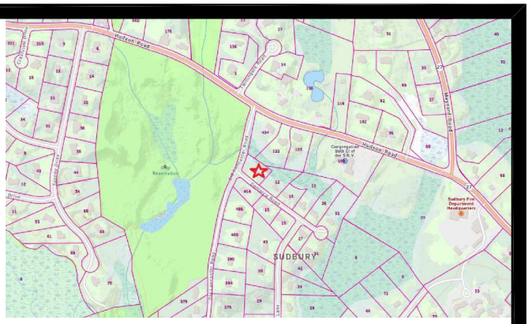

Old Lancaster Road

Demarco Road

200' Riverfront

100' BVW Buffer

50' BVW Buffer

100' Riverfront

TBM1: Nail in Tree
Elevation: 101.00

edge of pave

Distance = 155.09'
N-33°56'-W

N-40°59'-E
Distance = 47.36'

Distance = 63.71'
N-23°21'-E

Distance = 230.00'
S-39°12'-E

S-56°54'57"-W
Distance = 139.76'

72' x 25'
Planting area
(1800 sf)

50' BVW Buffer

100' Riverfront

Expanded driveway

Existing driveway

approx water line

approx gas

PROPOSED FENCE

Proposed
8' Walkway

Existing Garage

Proposed
Steps

Proposed
Hay Bales

Proposed
Deck 12'x12'

4 Demarco Road
Existing 4 Bedroom

Proposed Septic System

1500 Gal
Septic

GC3 GC4 GC5 GC6 GC7 GC8 GC9 GC10 GC10A GC11 GC12 GC13 GC14 GC15

S1 S2 S5 S6 S7 S8 S9

100 102 104 106 98 96 94 92

HAY BALES TO BUTT TIGHTLY TOGETHER

(2) 1"x 1"x 3'-0" WOOD STAKES PER BALE

TOE OF SLOPE

EMBANKMENT SLOPE

EXISTING GRADE

HAY BALES SHALL BE PLACED PRIOR TO CONSTRUCTION TO CONTROL EROSION AND SHALL BE RELOCATED, REPLACED AND EXPANDED AS NECESSARY.

HAY BALE DETAIL
N.T.S.

COMMONWEALTH OF MASSACHUSETTS
CARLOS A. QUINTAL
CIVIL
No. 30812
REGISTERED PROFESSIONAL ENGINEER

7/20/23

NOTES:

1. PROPERTY LINE INFORMATION SHOWN HEREON WAS COMPILED FROM VARIOUS SOURCES WHICH INCLUDE PLANS OF RECORD ON FILE AT THIS OFFICE.
2. TOPOGRAPHY SHOWN HEREON IS DERIVED FROM PLAN PREPARED BY INNOVATED SEPTIC DESIGN, INC. PLAN NUMBER 02212301 AND ON SITE INFORMATION FROM THIS OFFICE.
3. UTILITY LOCATIONS AND ELEVATIONS SHOWN HEREON SHALL BE CONSIDERED APPROXIMATE. ALL UTILITIES, WHETHER SHOWN ON THIS PLAN OR NOT, THAT ARE DAMAGED BY THE CONTRACTOR, ARE TO BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
4. RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY.
5. * * * D I G S A F E N O T E * * *
IN ACCORDANCE WITH MGL.CH 82, SEC. 40 INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING, OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS.) OR CALL "DIG SAFE" AT 1-888-DIG-SAFE.
6. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS D.P.W. SPECIFICATIONS OF HIGHWAYS AND BRIDGES AS LAST REVISED AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
7. ANY DEVIATIONS, i.e. "FIELD CHANGES" FROM THE DESIGN PLAN(S) MUST BE APPROVED BY THE DESIGN ENGINEER IN WRITING. CONTRACTOR SHOULD BE AWARE THAT LOCAL AND STATE AUTHORITIES HAVE JURISDICTION AND APPROVALS MUST BE OBTAINED THROUGH THOSE RESPECTIVE OFFICE(S) PRIOR TO THE IMPLEMENTATION OF THE "FIELD CHANGE". WHITMAN & BINGHAM ASSOCIATES, INC. ASSUMES NO LIABILITY OR RESPONSIBILITY FOR WORK COMPLETED WITHOUT REGARD TO THE PRIOR MENTIONED "FIELD CHANGE" PROCEDURE.
8. ALL SLOPES UNLESS OTHERWISE SPECIFIED, SHALL BE LOAMED AND SEEDED. SLOPES SHALL BE PROTECTED FROM EROSION VIA THE USE OF EROSION CONTROL BLANKET AS SHOW ON HEREON. EROSION BLANKET SHALL BE "NORTH AMERICAN GREEN" C-150 OR EQUIVALENT.

PROPOSED SITE IMPROVEMENT PLAN

PREPARED FOR:

HORIZON HOLDING, LLC
4 DEMARCO ROAD
SUDBURY, MA 01776
978-621-8278

PREPARED BY:

NEW ENGLAND ENGINEERING, LLC
601 SHEA STREET
FITCHBURG, MASSACHUSETTS 01420
508.921.9021
WWW.NEEGLLC.COM

SCALE:1"=20'

DATE: JULY 19, 2023